

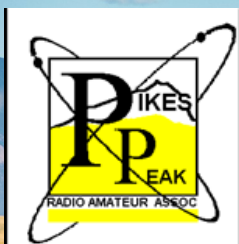
PIKES PEAK RADIO AMATEUR ASSOCIATION (PPRAA)

Activities/Meetings

- Ham Breakfast—
Omelets Etc,
1616 South 8th Street
2nd of August
Drop in any time between
8:00 AM and 9:30 AM
- July 12—75th PPRAA
anniversary Special Event
station. From club station
- July 26th—Megafest Lewis
Palmer High School,
Monument, CO
- PPRAA Board Mtg
Mon,
Daniel's Taco
- PPRAA Membership Mtg
Wed. July 9th
IHOP 5749 Stetson Hills
Bvd
- 10 Meter/2 Meter net
Every Thursday 7:00 pm
28.290 MHz—USB
144.200 MHz-USB

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Ø-BEAT

Volume 64 Issue 7

July 2014

PPRAA Megafest

Megafest is Saturday July 26th

This year's Megafest is looking like a record year with table rentals and raffle sales way ahead of previous years.

Megafest will be at Lewis Palmer High School, 1300 Higby Road, Monument starting at 8:00 AM and scheduled to conclude at 1:00 PM.

PPFMA is graciously allowing the 146.97 repeater to be used as the Megafest talk-in.

Vender setup starts at 6:00 AM. There are plenty of locations with power available.

Raffle tickets will be on sale at the door and sell for \$1.00 per



single ticket, 6 tickets are \$5.00, for \$10.00 you can purchase 15 tickets. The best deal is \$20.00 for 40 tickets. The drawing is at Noon and you do not need to be present to win.

Raffle prizes this year are:

Grand Prize:

- Elecraft KX-3 Transceiver
Portable HF Transceiver

Second Prize:

- ICOM ID-51
Donated by CMRG
- RT Systems Programming kit
donated by RT Systems

Other Prizes:

Kenwood TM-71A

- 144/430MHz full dual Band
- RT systems Programming kit
donated by RT Systems

RigExpert AA-54

- Graphing Antenna Analyzer

Tigertronics Signal Link USB

- Sound Card—Radio Interface

Butternut HF9V Antenna

- 9 Band Vertical Antenna

PPRAA Field Day

Field Day was big success with over 50 people participating in way or another.

We received good press coverage from The Gazette and Ranchland News.

The digital station setup by Jim W0EM and the 10, 15, and 40 meter phone station were up and running Friday evening with the 20 and 80 meter phone and

CW station coming online a little late due to antenna issues. We also experienced some interference between the digital station and the phone station when they were both operating on 20 meters. Estimated score this year exceeds 2500 points. Thanks to Christopher, KDØUQI, for all his work pulling this together.

Many new hams made their first contact at our field day event.



Drake TR4 on 40-Meters operated by Glenn Brodt, N3ULW



Field Day—putting up a beam

PPRAA Officers and Board of Directors

PPRAA Board of Directors consists of four elected officers, seven board members, as well the past president (time limit dependent). The Ø-Beat editor is a board appointed position and is also a member of the board.

Officers include:

- ⇒ President
- ⇒ Vice-President
- ⇒ Secretary
- ⇒ Treasurer

To send board member's email, browse to the officers section of our website: <http://ppraa.org/about-ppraa/officers>

President	Michael Derbort	KCØELG
Vide-President	Jim Bishop	KDØKQL
Secretary	John Wishart	NGØI
Treasurer	Pam Scott	WØPRS
Board Member	Doug Nielsen	N7LEM
Board Member	Tom Brereton	WØTOM
Board Member	Jim Rader	KDØNQM
Board Member	Diana Nordstrom	KCØNPP
Board Member	Jim Harris	WØEM
Board Member	Virgil Yost	NØXRS
Board Member	Chris Schroeder	KDØUQI
Ø-Beat Editor	Dan Scott	WØRO

Online Resources

PPRAA Website

<http://ppraa.org>

The PPRAA website is the cornerstone for club related information, events, and technical information.

In addition you can register, pay dues, and submit donations. Donations to the PPRAA college scholarship fund are managed by FAR Scholarship Committee

Facebook / Google+

Follow activities as they unfold, or get reminders of upcoming events.

Links to both Facebook and Google+ social media sites can be found on the PPRAA.org.

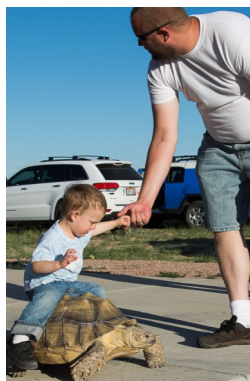
Or from each social media site search on: Pikes Peak Radio Amateur Association

PPRAA Forums

The PPRAA forums are intended to allow users to exchange of ideas, ask and answer amateur radio related questions, and plan/discuss upcoming events.

This is a fantastic, but underutilized, tool.

Check it out and register at: PPRAA.Forumotion.net



2014 Field Day—Tortoise Riding

Monthly Activities

Membership Meeting

Held the 2nd Wednesday of the month starting at 7:00.

IHOP
5749 Stetson Hills Blvd
(Just west of Powers Blvd)

Next meeting is
July 9th 7 pm

NOTE: Many show up at 6 pm for kibitzing and grub.

Board Meeting

Daniel's Taco Shop
6:30pm—8:00pm
6817 Space Village Ave
(Just outside the north gate of Peterson AFB)
Board Meetings are open to all members.

Ham Breakfast

Location changes monthly

Sandy's
6940 Space Village Ave
7 July 2014
8:00-9:30 AM

10 Meter/2 Meter Net

Every Thursday at 7pm
Starts on 28.390 USB then transitions to 2 Meter SSB at 144.200 USB.

Meeting Presentation Topics

Last Meeting

The topic of the June meeting is "The Big Antenna Project"

This is an exciting, huge, radio telescope project is being brought back into service by many members of PPRAA who are also members of Deep Space Exploration Society.



July 9th

Kevin, KØBBA will be talking about personal preparedness and how to tailor your preparedness for different scenarios.

Kevin will include information relating to Colorado Provident Veterans.

August 13th

The August meeting is Wednesday the 13th.



Deep Space
Exploration Society

www.dses.org

PPRAA Club Station

The club station/trailer was well used during Field Day this year. Even though the outside temperature reached over 90-degrees, operating from inside the trailer remained quite comfortable.

One activity during field day was to open the barbed wire fence, dig 3 holes for fence posts, and placed into concrete.

Access to the trailer is now much easier and safer.

One unfortunate aspect is the inside of the trailer is partially being used for storage. Not a lot, but we do need to come up with a storage shed in order to keep the trailer for only operation.

The next event to take place at the club station will be the PPRAA 75 year special event station. Please plan to operate from the club station Saturday, July 12th.

If you want to be more involved with finishing the trailer work. Please email trailer@ppraa.org and ask to be added to the list.

***"The club
station/trailer
was well used
during Field
Day this year."***

Zero Beat

I am looking for people to collect articles of local and national interest. This is easy to do, simply find something you are interested in, write the author for permission to use in the 0-Beat. Once you have permission, cut-and-paste the article into MS Word, Open Office, or a simple ASCII text editor.

I have found that formatting text in MS Word makes quick work of including the article in

the 0-Beat which I do in MS Publisher.

Of course if you want to write an article please do! A quick review of a new rig, a foxhunt adventure, your experience on an ARES exercise, or where ever your amateur radio adventures take you.

If you have some pictures please send them along. I cannot promise which one I will choose, but it would be

great to have a good supply!

Article ideas include:

- ⇒ New Microphone
- ⇒ ARES event
- ⇒ Antenna assembly
- ⇒ Grounding
- ⇒ Ham road trip
- ⇒ Interesting DX



Climb into action and send
a short article to:

zerobeat@ppraa.org



PPRAA Board Meeting Minutes—9 June 2014

Present: Dan Scott, Virgil Yost, Jim Bishop, Diana Nordstrom, Jim Rader, Jim Harris, John Wishart, Chris Schroeder

VP Jim Bishop called the meeting to order at 6:35PM at Daniel's Taco Shop Restaurant.

May board meeting minutes were approved as published.

2014 Goals & Objectives - no changes in G&O

1. New Leadership
2. Financials
 - Members - 20 more paying members is our goal (150 total)
 - Megafest - \$2500 profit is our goal.
3. Club Station - goal: at least one operating position and the building completed.
4. Special Events
 - Special events station for the 100th anniversary of ARRL at the Megafest operating as W1AW/0. We would also like to have another special events station on July 12-13.
 - 75 yrs of service for our club
 - Scouting event -

Committee Reports

Treasurer's Report - we have a bank balance of \$11008.03 as of 31 May 2014.

Building Committee - Dan reported that a group went out on June 7 to work on the trailer.

Station Building - several holes were sealed. Gate panels, fence posts, cement, and sheet metal panels were procured and delivered to the site. Virgil will be checking out the air conditioner.

Land Use Agreement - finalized version has been agreed upon.

Will be signed shortly.

Megafest 2014 - 32 tables at last report.

Electronic Media - no report

Asset Committee - no report

Scholarship Fund

Dan reported that we have received a few more donations.

Zero Beat

ZB is looking good. Dan noted that he still needs short articles of interest from members. Please submit articles and pictures to Dan at zerobeat@ppraa.org.

ARES

Jim Bishop reported on several local events that need ARES volunteer support. See local ARES website for info: www.pparaes.org. The link to the volunteer web page is <http://216.161.57.107/ARESPSE>.

Technical Education - A special VE session was held recently for a handicapped individual. He passed the Tech class license test - congratulations to new licensee KE0AQP! And thanks to the VE's for putting on the special test session too!

New Business

No new items.

Unfinished Business

No items.

Upcoming Events

Ham Breakfast - 1st Sat in July, the 5th, 9AM -- location TBD at club meeting

Next Board Meeting: Monday, 7 July 2014, at Daniel's Taco Shop.

Megafest - July 26, Lewis-

Palmer High School, Monument, CO.

Annual Picnic - Aug 16 at Memorial Park

Special Event Station - 75 years of service, Sat, July 12 at the club station, around 14.245 MHz +/-, 8AM-8PM (14Z -- 02Z), call sign AF0S.

Around The Table

Jim R - nothing further

John - brought up a gun safety rules proposal. Suggestion was to incorporate gun safety rules into a "hold harmless" agreement. Will be discussed further later.

Jim H - need to provide for Field Day food. Virgil/Dan moved/seconded to allow up to \$200 expenditure for Field Day food supplies. Passed. Jim will bring RTTY setup for FD.

Chris - will be bringing a truck w/ a tent for FD. Will try to bring a generator.

Diana - nothing further

Virgil - assisting Gary Adler (blind) with his tech exam. Is talking with Stu at W0TLM.

Dan - will bring HF radio for FD. Need someone to track points for FD.

Jim B - nothing further

Meeting was adjourned at 7:15 PM.

Respectfully Submitted,

John Wishart NG0I

Secretary

28 June 2014



PPRAA General Meeting Minutes—11 June 2014

President Michael Derbort called the PPRAA general meeting to order at 7:00 PM at IHOP Restaurant at 5749 Stetson Hills Blvd., Colorado Springs, CO.

Silent Keys – John Ously KD0QDO

Minutes were approved as published.

2014 Goals and Objectives - no changes

- New leadership
- Financials - Add 20 new paying members, make \$2500 on Megafest
- Club station - at least one operating position permanently online, trailer completed
- Special Events
 - ♦ 75 years of service by our club - July 12-13 at our club station
 - ♦ Scouting event - date is TBD

Committee Reports

Treasurer's Report - Pam stated we had \$11008. in our bank accounts as of 31 May 2014.

ARES Update - Jim Bishop reported on local ARES events and upcoming activities that need volunteers. ARES website is www.ppara.org. The volunteer link is <http://216.161.57.107/ARESPSE>.

Scholarship Fund

Please donate to our college scholarship fund for the upcoming school year. Tax-deductible donations can be made via PayPal on the PPRAA website (ppraa.org).

Member Challenge: Jim Bishop will match your Scholarship Fund donation up to \$300 until July 4.

El Paso County Radio Club Consolidated Membership

No new activity right now.

Megafest 2014

Saturday, July 26th at Lewis Palmer High School, Monument, CO. Raffle & table sales are ahead of last year.

Club Station

Work was done last weekend. All openings patched. Gates, fence posts, sheet metal procured.

Tech Ed

Need volunteers to teach sections of the tech class license exam course.

Zero Beat

Deadline is June 25.

ARES Report

John Bloodgood reviewed the upcoming events for which volunteers are needed. Last Sunday was a very active weather day, with eight tornados reported in CO. Weather/Skywarn reports are usually given/heard on the 146.97 MHz repeater.

Scholarship Fund

Applications are currently being reviewed by the fund administrator. Recipient will be announced next month.

Megafest

Setup starts at 4PM at LPHS on Friday. Table prices go up on July 21

Field Day

It will be at our club station south of Ellicott on Bar Ten Way on June 28-29. Setup starts at 4PM on Friday, June 27. Operating period is from noon Saturday through noon Sunday. Camping is available at the site.

Volunteer Examiner (VE) Report

VE session is on the second Saturday of even months. Next one is Saturday, June 14, at 9AM at Colorado Technical University, Room 100. Our club Members are encouraged to get qualified to be a Volunteer Examiner. It's an open book exam, with the Volunteer Examiner Manual available as a PDF for study and reference on the arrrl.org website.

Special Guest

Fred Lloyd AA7BQ - Founder of QRZ.com website. He spoke about the background of the site and passed out some QRZ bumper stickers.

Program

Amateur radio astronomy - Ray Uberecken AA0L and Michael Lowe TI2ORB spoke about a variety of radio astronomy topics, including the DSES 60' dish at Eads, CO. Deep Space Exploration Society.

Some Radio Astronomy Websites

www.vlf.it

fatquarterssoftware.com

spaceweather.com

radiosky.com

radionlove.asfc.nasa.gov

theinspireproject.com

rmob.orgmerriott-astro.co.uk

radioastronomysupplies.com

radio-astronomy.org

setileague.org

www.jpl.nasa.gov/radioastronomy

dses.org - 60' dish antenna in Eads, CO

Upcoming Events / Notices

Ham Breakfast - Saturday, July 5. Sandy's at Space Village, 9AM

Thursday Night Net: On the air every Thursday, 7PM, at 28.390 MHz (USB, 10 meter band, vertically polarized). The June 12 net is #290.

Next Meeting: 7:00PM, Wednesday, 9 July 2014, IHOP Restaurant, Stetson Hills Blvd. & Powers. (2nd Wed of the month)

Next Board Meeting: 7:00PM, Monday, 7 July 2014, Daniel's Taco Shop. (Mon before the 2nd Wed of the month)

Club Picnic - Aug 16, Memorial Park, Pavilion B.

2014 RM Regional ARRL Convention Aug 8-10 in Albuquerque.

Respectfully Submitted,

John Wishart NG0I

Secretary

28 June 2014



Calling all potential instructors

PPRAA is looking for people to help with a General Class licensing course.

The text will be from HamRadioSchool.com General Licensing Course.

Dan, WØRO, is looking for a location on April 6th to start organizing the class.

The course author, Stu Turner has volunteered helping and teaching a couple of the sections.



Why this book?

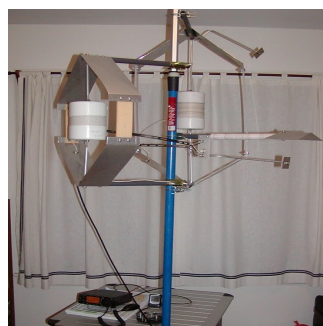
"Unlike most other intermediate ham radio books, this one does not pad its pages with the public domain questions from the exam question pool and try to "teach the test" by requiring you to memorize answers without understanding them."

"This book really teaches radio and when you "get it" you don't have to rely on mine numbing memorization."

Don't just memorize!

Really get it!

Antennas for tight locations—Part 3 (missed—June Ø-Beat)



The last article discussed how to indicate whether an antenna will be an efficient radiator.

The larger the 2 components are physically, the higher the radiation resistance. The higher this value is, the more efficient an antenna becomes.

So, how big do you make it? Does "big" only mean length?

An other factor is "Capture Area".

This is related to the ability of the antenna to couple radiation to our atmosphere. What are

we looking for?

Keep in mind this is an "Area", not a length. You can acquire this area by making a long antenna. However, since it is an area it can also be accomplished with other shapes as long as the device is resonant.

The U.S. Army has determined formulas for this area. In respect to this, the Capture Area is actually an exponential value of the physical area of the antenna. This means that a relatively small device will radiate efficiently.

To determine if the antenna

will be efficient, we need to go back to the value of the Radiation Resistance. This can be measured at the antenna with most of the antenna analyzers. If you are reading above 25 ohms at resonance, it will most likely be an affective radiator.

What are other factors that need to be considered when building an affective antenna? How is radiation pattern affected?

This will be in the next article.

73,

Ralph WD0EJA



PPRAA Picnic—date set

PPRAA annual picnic
Saturday, August 16th
Memorial Park Pavilion B
1605 E. Pikes Peak Ave

The pavilion is reserved
from 5:00 AM - 9:00 PM

More details to follow. Please check ppraa.org for more details.

NOTE: This is the same location as the 2013 Club Picnic

PPRAA \$1,000 Scholarship Winner—Elliott Gordon—AF5HH

PPRAA raises funds each year in order to help a deserving student studying hard sciences.

It is the PPRAA Board of Director's pleasure to announce that Elliott Gordon won this year's scholarship.

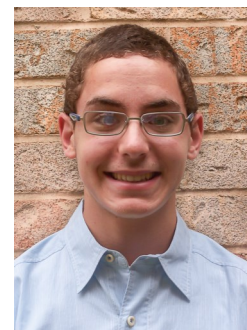
Elliott is a rising sophomore at the Colorado School of Mines in Golden, Colorado. He obtained his Extra Class

license as AF5HH in November of 2012 under the guidance of the K5LBJ high school club in his hometown of Austin, Texas.

Outside of academics, Elliott remains active with amateur radio as an active member of Jefferson County ARES. He also enjoys HF QRP operation and building antennas. While at School of Minds Elliott noticed a major shortcoming with the

schools non-academic program and resolved simply resolved the issue by helping form the Colorado School of Minds amateur radio club. With the CSoM ARC started the next issue needed to be resolved so now he an accredited volunteer examiner.

We all wish Elliott success in his studies and amateur radio adventures. He is in a great place for SOTA activation if he chooses.



Retraction—PPRAA Club Station

In last month's Ø-Beat I made a boo-boo when writing a quick article concerning Field Day.

Within about a quarter mile of the club station the property owner has a personal shooting range. That shooting range is only usable by personal invitation of the owner.

Kindly pretend you never read the part about a shooting range when you read about Field Day planning.

Firearms are never part of a club activity due to our insurance coverage.

If you want to help reduce my mistakes, please feel free to submit articles so I don't try to fill the pages with my dribble.

OOPS

Preparedness—Colorado Fires

Unfortunately as I write this, there is a lightning-sparked fire burning in and around Phantom Canyon.

The fire started off Phantom Canyon Road on Bureau of Land Management land after a thunderstorm passed through the area. Smoke was noticeable the day after the thunder storm. Now 100% contained.

Another short lived fire started

in Cheyenne Mountain State Park. A thunderstorm sparked a fire at CMSP, but a witness at or near the CMSP archery range immediately called the tree strike in. Members of the park staff quickly established a fire line around the tree while the CMSP brush truck rushed to the spot.

Due to the quick action of everyone involved, the tree fire was completely extinguished before the local fire

department could arrive.

These two fire incidences are reminders that we could be called into services at a moments notice. Check your go boxes, test your equipment often, and be prepared.

[Eightmile fire link to CBS video](#)

Or key in:

<http://denver.cbslocal.com/video/10315407-hot-dry-weather-bad-news-for-eightmile-fire-near-canon-city/>

***“This is perhaps
one reason why
there are so
many more
licensed radio
amateurs these
days”***

New hams are different

By Dan Romanchik, KB6NU

This is going to be a bit of a ramble, but I need to get some thoughts down about new hams, and maybe get some feedback on these ideas from both new hams and guys that have been around for a while.

Recently, I visited the All Hands Active (AHA) maker space here in Ann Arbor. Several of the "makers" that use this space have recently gotten their ham licenses—most of them in one of my one-day Tech classes. I was down there trying to get them interested in attending Field Day, and in particular, in operating the GOTA station.

There were four of us sitting around, talking about amateur radio, the projects they were working on, Field Day, and other stuff. In the past, they had also expressed an interest in doing something with WA2HOM, our station at the Ann Arbor Hands-On Museum. While it was a great discussion, it was apparent to me that it was going to be difficult to get them out for Field.

It dawned on me that these new radio amateurs were just not interested in the "old" amateur radio. Sitting in front of shortwave radios and exchanging fake signal reports with other guys sitting in front of shortwave radios is just not their idea of a good time. I think that if you take a step back and try to look at it through their eyes, you'll see where they're coming from.

What are they interested in? Well, one guy is having a blast playing around with RTL SDR dongles. He's also trying to

figure out a way to rig up wireless link to light a light at bus stops around his house when a bus is approaching. Another is working on a Hinternet-type project. I helped him out a little bit last summer setting up a wireless node at his house.

This is perhaps one reason why there are so many more licensed radio amateurs these days, but yet there seems to be less activity on the HF bands these days. HF is just not where it's at for these new guys.

One consequence of this is that the old amateur radio clubs don't have much to offer the new guys. In fact, one of them told me that the one time that he attended the local club meeting, he got such a hostile response that he decided not to return.

I'm finding this all quite interesting. I do intend to pursue some kind of joint activities between the All Hands Active maker group and WA2HOM and see where that goes. They may not be interested in working DX on 20m, but they do seem to be interested in the IRLP node that we're in the process of installing there.

I'm not sure where this is all headed, but what I do know is that these folks have a lot of energy and creativity. If we can couple that with our knowledge and experience, then I think that we'll be a good fit for one another. It's going to take open minds all around, though.

I'm really interested in hearing from all of you about this. Have your clubs made contact with the "makers" in your area? Do any of them have ham radio licenses? Are there any interesting ham radio/maker projects going on in your area?

When he's not thinking about the future of amateur radio, Dan, KB6NU enjoys working CW on the HF bands, teaching amateur radio classes, and building kits. For more information about his operating activities and his "No-Nonsense" series of amateur radio license study guides, go to KB6NU.Com or email

Field Day Pictures



Sara the tortoise doesn't seem to mind her passenger.



Getting ready to crank up one of the tri-banders.

Antennas for tight locations—part 4



The last couple of articles mentions Radiation Resistance. The higher this resistance the more likely the antenna will radiate to the atmosphere.

An other factor was introduced, Capture Area. This is an area, not a length. Therefore, antennas can be made in an unlimited amount of shapes and sizes.

Reviewing a little more on Radiation resistance, we can liken the antenna to a power line that carries electricity across country.

If the Radiation resistance is high (in respect to a circuit on a board), the antenna is operating at a higher voltage. If an electrical transmission line is sending voltage across country at 10 volts, and you loose 1 volt, you lost 10% of your voltage. This is a substantial loss.

If you send electricity at 100,000 volt and you loose 1 volt, your loss is not noticed.

It is the same way with antennas. The higher the Radiation Resistance, the higher the voltage, the less loss as a radiator.

What about the "Capture Area"?

If you can make an antenna with a proper Radiation Resistance. It most likely will be a good radiator. However, what if you want to transmit at an increased power.

Now you will need to give attention to the design of the 2 components. The coil and the capacitor.

If the coil is too tightly wound and too small of a conductor, some of your radiation will go into heat. As you bring up the power your efficiency will drop off. SWR will drift as it heats.

A coil should be of reasonably heavy wire and wound with some spacing between the windings. The capacitor should also be spaced far enough apart as to not arc across. This will increase the size of the antenna, but not by much.

Efficient antennas can be made as a 3 dimensional design. This will allow installations in restricted locations.

What kind of radiation patterns can come from the various antennas?

Next article will go into this.

73,
Ralph WD0EJA

July 2014



Field Day Pictures

Gazette photographer checking out the club trailer (SSB/CW)



10, 15, 40, 160 Meter station. Drake TR4 and Swan at their best!



Eyeball QSL at the digital station



VE Testing Colorado Spring (PPRAA)

Pikes Peak Radio Amateur Association (PPRAA)

When:
Feb, Apr, Jun, Aug, Oct, Dec
2nd Saturday at 9 AM

Location:
Colorado Technical University (CTU)
4435 North Chestnut
Colorado Springs, CO 80907

Directions:
<http://ppraa.org/ve-testing>
or contact:
Dan Martin
VE@PPRAA.org



VE Testing Woodland Park (MARC)

MOUNTAIN AMATEUR RADIO CLUB (MARC)

When:
Jan, Mar, May, Jul, Sep, Nov
1st Saturday at 10 AM

Location:
Woodland Park
Woodland Park Library-
Community Meeting RM
218 East Midland Avenue

Directions:
<http://www.nx0g.org/ve.html>
or contact
Wes Wilson (KØHBZ)
k0hbz@arrl.net
Call (719) 687-8758



Applicants will need the following items:

1. A valid PHOTO ID, driver's license preferred (if you do not have a valid photo ID, please call for alternative identification requirements).
2. Your FRN or SOCIAL SECURITY NUMBER (now required – this includes children).
3. Your CURRENT ORIGINAL amateur radio license (if any) and a PHOTOCOPY for the VE Team to keep.
4. The CURRENT ORIGINAL CSCEs you have and a PHOTOCOPY for the VE Team to keep.
5. Cash, Check or Money Order for \$15 (standard ARRL VE Fee). Checks and money orders should be made out to ARRL. This covers all exams you wish to take at this VE session.

NOTE: PPRAA and MARC VE Team policy, as with many VE

Teams, is to not allow same day retests on failed exams.

PPRAA – Colorado Springs testing only:

Anyone passing their Technician Class examination at a PPRAA test session will receive a free year's membership to the Pikes Peak Radio Amateur Association

Scholarship Fund for the academic year 2015

Please also consider making a donation to the PPRAA 2014-2015 Scholarship fund.

PPRAA uses the Foundation For Amateur Radio, Inc., a non-profit organization with headquarters in Washington, D.C., to administer our scholarship. Your donations are sent to the foundation and on an annual basis are distributed to an individual they determine meets the criteria established by the PPRAA scholarship committee.

The criteria set forth by the PPRAA scholarship committee was based on a concept that more financial support was needed to encourage students to study hard sciences and engineering.

Of course this scholarship would not be possible without your on-going support. You make it happen, a dollar, ten-dollars, or more at a time or all at once.

The scholarship can become self-propagating once we hit \$35,000, but we are not even

close to that! This 3rd year of the scholarship has seen us slightly ahead by starting out the 2015 scholarship collection with "money in the bank", but we really need to increase our momentum to keep this important activity a reality into the future.

If you are a corporate executive, know a corporate executive or know people involved with corporate donations, please talk to them about supporting the PPRAA scholarship fund. PPRAA is a 501(C)(3) organization that could help those community minded corporations meet their quarterly support goals.

As an individual, you can easily support the fund either by sending a check to PPRAA, bring donations to the club meetings, donating online using the PPRAA web site (ppraa.org/donations), or sending a donation directly to the Foundation For Amateur Radio, Inc.

FAR Scholarships Committee
Post Office Box 911

Columbia, MD 21044-0911

When donating, make checks to: PPRAA Scholarship

For more information browse to: <http://www.farweb.org/>.

The Foundation for Amateur Radio, incorporated in the District of Columbia, is an exempt organization under Section 501(C)(3) of the Internal Revenue Code of 1954. It is devoted exclusively to promoting the interests of Amateur Radio and those scientific, literary and educational pursuits that advance the purposes of the Amateur Radio Service.

Dan Scott - WØRO

Ø-Beat Editor

Pikes Peak Radio Amateur Association



The future depends on your donations.

Is ARRL hijacking bandwidth for without consideration to Hams?

Folks,

The presentation titled "Why has the ARRL pushed so hard for RM-11708? Perhaps the answer has been found" was presented to the Central Texas DX and Contest Club last night and was well received. The presentation is now on-line in web format at:

<http://SaveCW.com/Rm11708Interests.htm>

The presentation details the ARRL BOD actions for Winlink and developing recreational boater products that are causing interference across the amateur bands. It also details

the interference by Winlink stations to the WIAW Centennial operation and a response from KIZZ at HQ to just go spin the dial.

After reading the web page ask yourself the following questions. Has amateur radio been hijacked by recreational boaters? Do you feel the majority of traditional amateur radio operator interests are being

discounted in favor of a minority special interest group? What happened to traditional core amateur radio values of transparency, self policing, not

competing with commercial services, and not transmitting quasi-encrypted waveforms? Finally, ask yourself is this what amateur radio is really about?

As documented on the web site there are many folks concerned about the direction the ARRL is taking and about additional damages caused by RM-11708. There are many reasons why RM-11708 is bad - all documented at www.SaveCW.com

or www.SaveRtty.com.

Please take a few minutes and log a comment against RM-11708 with the FCC. It's a



Will this exist anymore?

simple process and only takes a few minutes. Detailed instructions for filing a FCC comment can be found here <http://www.savecw.com/Rm11708.pdf>.

Thanks,

Terry AB5K

PIKES PEAK RADIO
AMATEUR
ASSOCIATION

Send membership application to:

Pikes Peak Radio Amateur
Association, Inc.
P.O. Box 16521
Colorado Springs, CO 80935

General Questions:
ppraa@ppraa.org

ØBeat:
zerobeat@ppraa.org



ppraa.org

Get Radio Active, get on the air!

Membership Application:

Date: ____ / ____ / ____ New Membership: Yes / No

Name: _____

Address: _____

City/State/Zip: _____

Call: _____ Class: ____ Phone # (____) _____

Email: _____

Are you a ARRL member: Yes / No

Additional Family Members:

Name1: _____ Call: _____ Class: ____ ARRL Member: Yes / No

Name2: _____ Call: _____ Class: ____ ARRL Member: Yes / No

Name3: _____ Call: _____ Class: ____ ARRL Member: Yes / No

____ \$15.00 Full Member

____ \$10.00 Full Member over 65

____ \$18.00 Family Membership

____ \$12.00 Family Membership over 65

\$____ Membership Amount

\$____ Scholarship Fund Donation

\$____ PPRAA General Fund Donation

\$____ Total

PPRAA 75 Year Anniversary

Special event station:

In celebration of PPRAA becoming at least 75 years old we will be on the air operating as a special event station.

Frequencies:

14.245 +/- QRM

146.58 (w/ talk-in)

144.200 USB

Hours of operation:

Saturday July 12th
8:00AM to 8:00PM

Station setup:

Friday July 11th
6:00PM

Location:

3622 Bar 10 Road
Calhan, CO

Talk In: 146.580

Lat/Lon:
38°46'48.62"N
104°24'29.51"W

Food and drink::

Some will be provided. Feel free to bring something to share.

Ø- Beat Banner

The Ø-Beat banner picture was taken the morning of Field Day near the club station, Calhan, CO

The theme of the banner is Pikes Peak. If you would like to submit pictures of Pikes Peak to be made available for the Ø-Beat banner, please send them to:
zerobeat@ppraa.org
Include "[Ø-beat]" as part of the subject line.